

10/044,436	Filing Date:	Priority Date:	US Domestic Priority 119(e) Date:	INVENTOR NAME:	FILED IN:	Paper Number:
10044436	14-Jan-02	NONE	NONE	CARR et al.	14-Mar-03	
10044436 MICROMACHINED PYROOPTICAL STRUCTURE						

Type	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	11	((("4,594,507") or ("5,512,748") or ("6,087,661") or ("5,949,071") or ("4,751,387") or ("4,994,672") or ("4,262,198") or ("5,100,218") or ("5,781,331") or ("6,091,050") or ("5,486,698"))).PN.	USPAT	3/13/03 18:14	CITED BY APPLICANT in IDS#6
BRS	3	08/787,281	USPAT	3/13/03 18:46	cited in CARR uspat 6019050 finds US 5796152 A

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L1	526	pyro\$1optic or pyro\$1optical or thermo\$1optic or thermal\$1optic	USPAT	3/13/03 18:46	
BRS	L2	4197	fabry\$1perot	USPAT	3/13/03 18:46	
BRS	L3	87	1 and 2	USPAT	3/13/03 18:47	
IS&R	L4	1108	(250/338.1).CCLS.	USPAT	3/13/03 18:49	
BRS	L5	0	1 and 2 and 4	USPAT	3/13/03 18:48	
IS&R	L6	1512	(250/330-334).CCLS.	USPAT	3/13/03 18:48	
BRS	L7	0	1 and 2 and 6	USPAT	3/13/03 18:49	
IS&R	L8	5950	(250/338.1-354.1).CCLS.	USPAT	3/13/03 18:49	
BRS	L9	0	1 and 2 and 8	USPAT	3/13/03 18:49	
BRS	L11	78	( 6 or 8) and 2	USPAT	3/13/03 18:50	look at tomorrow
BRS	L10	11	( 6 or 8) and 1	USPAT	3/13/03 18:50	look at tomorrow

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L15	11	((("4,594,507") or ("5,512,748") or ("6,087,661") or ("5,949,071") or ("4,751,387") or ("4,994,672") or ("4,262,198") or ("5,100,218") or ("5,781,331") or ("6,091,050") or ("5,486,698"))).PN.	USPAT	3/14/03 13:47	already considered (IDS)
BRS	L16	11	((((250/330-334).CCLS.) or ((250/338.1-354.1).CCLS.)) and (pyro\$1optic or pyro\$1optical or thermo\$1optic or thermal\$1optic)	USPAT	3/14/03 13:48	already considered (T1)
BRS	L17	78	16 ((250/330-334).CCLS.) or ((250/338.1-354.1).CCLS.)) and fabry\$1perot not 15 not	USPAT	3/14/03 13:49	
BRS	L18	78	not 16 ((250/330-334).CCLS.) or ((250/338.1-354.1).CCLS.)) and fabry\$1perot not 15	USPAT	3/14/03 13:49	There is no overlap with the previous two groups...
BRS	L19	78	((250/330-334).CCLS.) or ((250/338.1-354.1).CCLS.)) and fabry\$1perot	USPAT	3/14/03 13:51	Browsed these - printed some...
IS&R	L20	1108	(250/338.1).CCLS.	USPAT	3/14/03 14:28	
IS&R	L21	696	(250/332).CCLS.	USPAT	3/14/03 14:29	
IS&R	L22	256	(356/519).CCLS.	USPAT	3/14/03 14:29	
BRS	L23	3	22 and 20	USPAT	3/14/03 14:31	browsed...
BRS	L24	0	22 and 21	USPAT	3/14/03 14:31	
BRS	L25	8	((250/330-334).CCLS.) or ((250/338.1-354.1).CCLS.)) and 22	USPAT	3/14/03 14:32	browsed...

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L3	249	(250/351).CCLS.	USPAT	3/14/03 16:39	chopper subclass in 250
IS&R	L4	696	(250/332).CCLS.	USPAT	3/14/03 16:39	
IS&R	L5	1108	(250/338.1).CCLS.	USPAT	3/14/03 16:39	
BRS	L7	0	5 and 4 and 3	USPAT	3/14/03 16:40	
IS&R	L11	256	(356/519).CCLS.	USPAT	3/14/03 16:41	chopper subclass in 356
BRS	L13	0	4 and 11	USPAT	3/14/03 16:41	
BRS	L14	0	3 and 11	USPAT	3/14/03 16:41	
BRS	L12	3	5 and 11	USPAT	3/14/03 16:41	already considered...
BRS	L10	12	4 and 3	USPAT	3/14/03 16:42	browsed - chopper - tag one with vacuum chamber / inert gas compartment
BRS	L9	25	5 and 3	USPAT	3/14/03 16:59	check coincidence of IR responsive and choppers - tagged one with bimorph chopper... 4485305
BRS	L8	90	5 and 4	USPAT	3/14/03 17:06	check coincidence of IR responsive and detector array -- look for shared support posts of pixel platforms

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L16	500	5 and (mirror or reflect\$3)	USPAT	3/14/03 18:15	
BRS	L17	125	5 and (fizeau or cavity)	USPAT	3/14/03 18:16	
BRS	L18	128	5 and (fizeau or etalon or cavity)	USPAT	3/14/03 18:16	
BRS	L19	531	16 or 18	USPAT	3/14/03 18:17	
BRS	L20	97	16 and 18	USPAT	3/14/03 18:19	browsed - print some

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L21	1714	4 or 5	USPAT	3/14/03 18:33	
BRS	L22	35	21 and ((share or shared or common) with (post\$1 or support\$1))	USPAT	3/14/03 18:35	print three having common supports or posts...